ARGE Conference 2022

8th – 9th September 2022

Smart door locking devices
ETSI TS 103815

Håkan Hedlund, ARGE SDL Group Convenor

WG SDL | Håkan Hedlund, convenor

- ➲ Standard and Compliance Manager
  ASSA ABLOY Scandinavia

- ➲ CEN TC 33 member
  - ➲ Convenor of WG 4 and WG 7

- ➲ CEN TC 127 member
  - ➲ WG 3

- ➲ Active in different working groups & industry associations
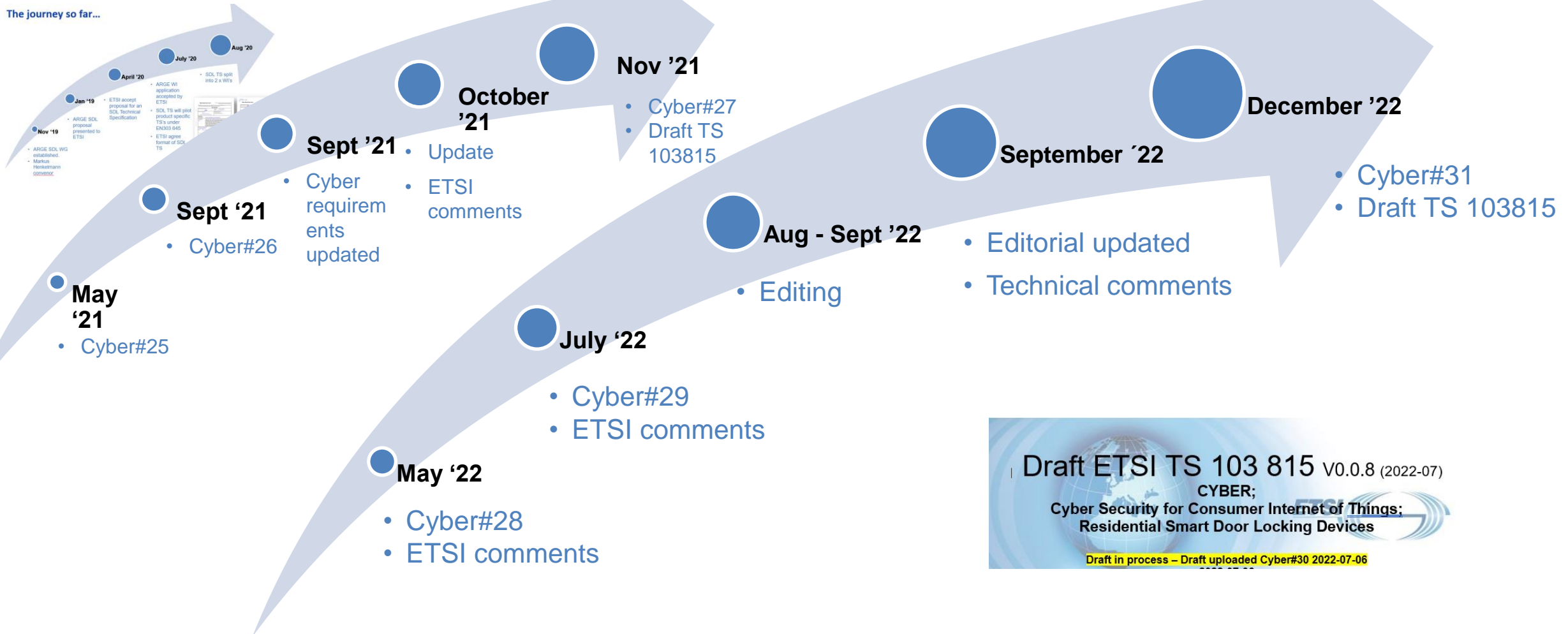 related to **CPR, Standards and Compliance**

Background

Reminder

- **No EN Standard exists**

- National existing quality marks (UK, SE, FR)

- **Standard scope:** to encompass mechanical and elmech locking performance combined with connectivity with credentials.
  Scope should cover:

  - Application across Europe

  - Residential end user markets

- Standard should provide a **platform/basis for local quality marks**

- It is also important to communicate to market about the **cyber security**.
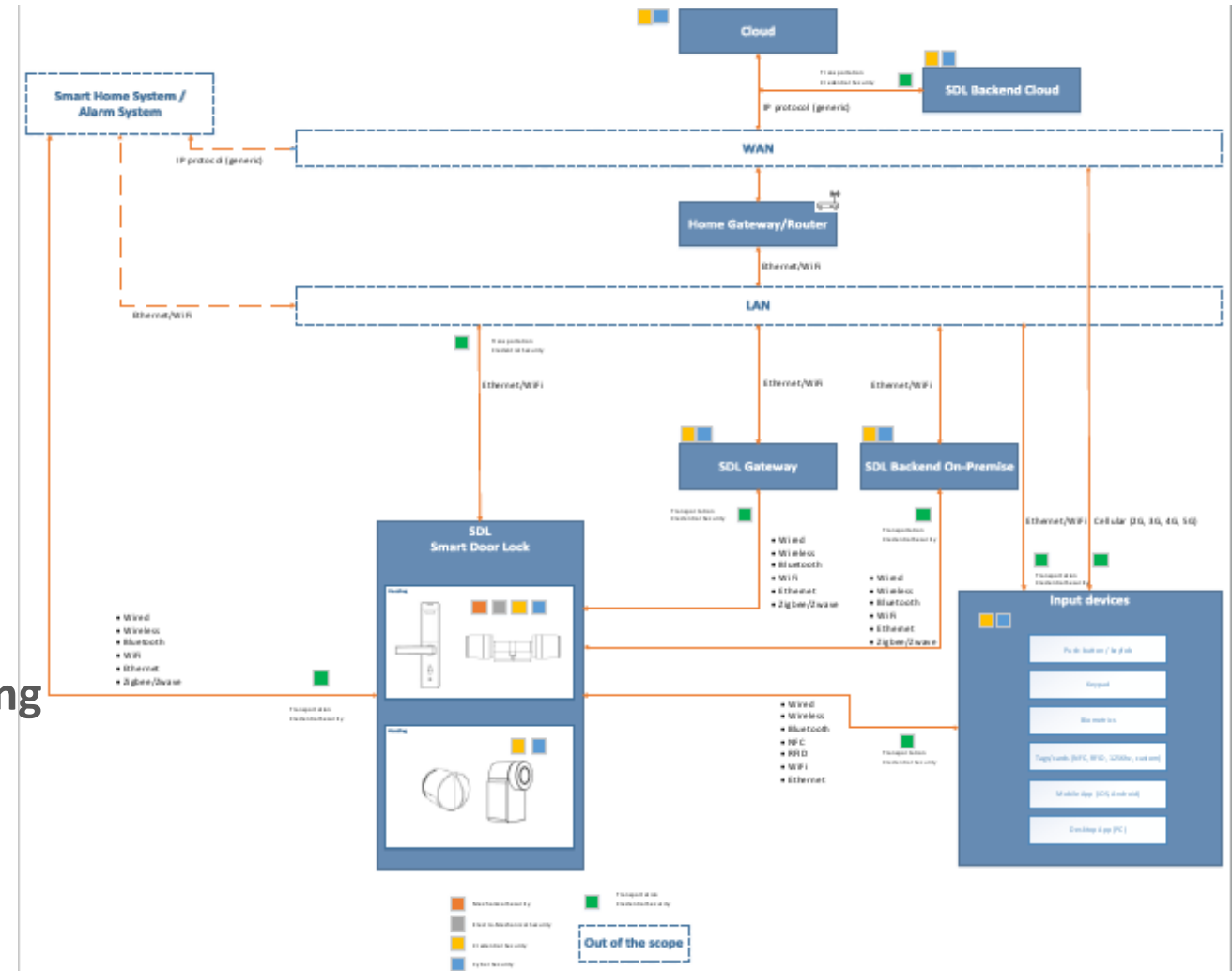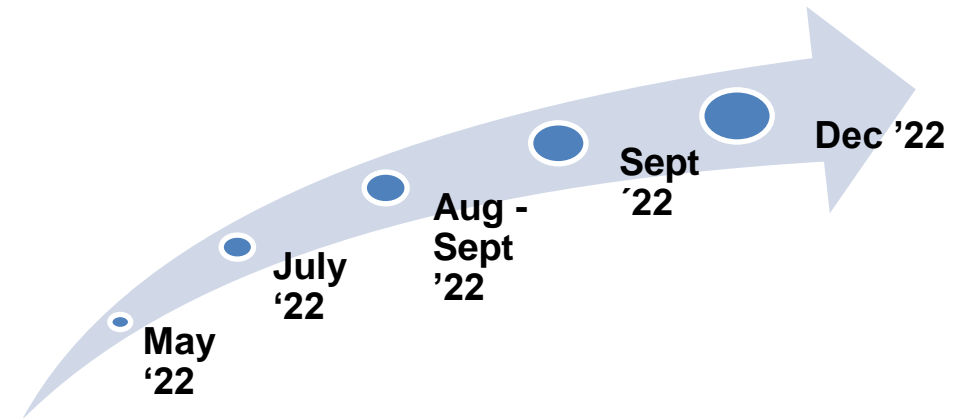
The journey so far...

May '21
- Cyber#25

Sept '21
- Cyber#26

Sept '21
- Cyber requirements updated

October '21
- Update
- ETSI comments

Nov '21
- Cyber#27
- Draft TS 103815

May '22
- Cyber#28
- ETSI comments

July '22
- Cyber#29
- ETSI comments

Aug - Sept '22
- Editing

September '22
- Editorial updated
- Technical comments

December '22
- Cyber#31
- Draft TS 103815

Draft ETSI TS 103 815 V0.0.8 (2022-07)

CYBER;
Cyber Security for Consumer Internet of Things;
Residential Smart Door Locking Devices

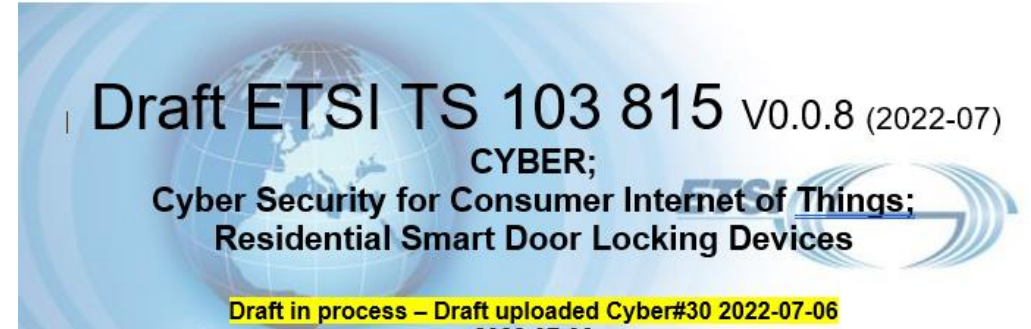Draft in process – Draft uploaded Cyber#30 2022-07-06

TS 103815 Smart door locking device - Principle

- **Cyber security - ETSI EN 303645;** *Cyber Security for Consumer Internet of Things: Baseline Requirements*

- **Credential related security and**

- **Electromechanical security and/or mechanical security - EN Standards for Building Hardware**

- **Residential Smart Door Locking Device is a lock designed to perform locking and unlocking a door when it receives such instructions from an authorized and authenticated user using a secure wireless protocol**

Status ...

➲ **Editorial update September**

➲ **Remaining technical comments from ETSI**

➲ **Adaption of updated provisions in EN 303645 (clause 6)**

➲ **Final draft December 2022...**

➲ **Q1 2023 possible publication**

Draft ETSI TS 103 815 V0.0.8 (2022-07)

CYBER;

Cyber Security for Consumer Internet of Things;
Residential Smart Door Locking Devices

Draft in process – Draft uploaded Cyber#30 2022-07-06

May '22

July '22

Aug - Sept '22

Sept '22

Dec '22

Take away from this presentation ...

➲ **ARGE is still in the front seat**

➲ **Final version planned December 2022**

➲ **Possible publication Q1 2023**

➲ **Next steps**

➲ **TS for Verification methods – based on ETSI TS 103701**

➲ **Promote/marketing activities, implement roll out**

Thank you!

Any questions?